

TITLE

HIGH RESISTANCE POLYANILINE BLEND FOR USE IN HIGH
EFFICIENCY PIXELLATED POLYMER ELECTROLUMINESCENT
DEVICES

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ABSTRACT OF THE INVENTION

Compositions are provided comprising polyaniline (PANI) with
poly(2-acrylamido-2-methyl-1-propanesulfonic acid) (PAAMPSA) as the
counterion (PANI/PAAMPSA) and an amount of poly(styrenesulfonic acid)
10 (PSS) sufficient to reduce the conductivity of the composition relative to
PANI/PAAMPSA. Invention compositions may further comprise
poly(acrylamide) (PAM). Invention compositions are useful as high
resistance buffer layers for use in electroluminescent devices (such as,
organic light emitting diodes (OLEDs)).

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